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## 510(k) Summary of Safety and Effectiveness

The following section is included as required by the Safe Medical Device Act (SMDA) of 1990.

Name: PFM Medical, Inc  
Address: 2605 Temple Heights Drive  
Oceanside, CA 92056  
CONTACT PERSON: SALVADORE F. PALOMARES, RAC

MAR - 7 2008

### 510(k) Summary of Safety and Effectiveness

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR 807.92.

The assigned 510(k) number is:

Trade Name: Jet Port Plus HP Catheter System  
Common Name: Port & Catheter Implanted, Subcutaneous, Intravascular  
Classification Name: Same

#### Equivalent Devices:

Manufacturer:	pfm Medical, Inc	MedComp
Name:	Jet Port Plus Catheter System	Power Injectable, Implantable Infusion Port
510(k) #:	K000125	K070003

#### Device Description:

The Jet Port Plus HP Catheter System is an implantable device designed to provide repeated access to the vascular system without the trauma associated with multiple vena puncture. The system consists of a self-sealing injection port and a delivery catheter for the receipt and delivery of medications to the selected body site.

The Jet Port Plus HP Catheter System port is available in various profiles  
The Jet Port Plus HP II has a polyoxymethylene body with a silicone septum  
The Tita Jet Light HP has a polyoxymethylene body containing a titanium insert with a silicone septum

The base of the port has the letters "CT" to signify that it can be used for power injection on contrast agents. These letters can be visualized through a Scout CT. The serial number is laser etched into the base of the port. The port can be anchored with sutures in the port pocket for secure seating. The suture holes may contain clear silicone to prevent tissue in growth to the suture holes.

The Jet Port Plus HP Catheter System is offered with the polyurethane catheter either pre-attached by the manufacturer or attachable for application by the inserting physician. The catheter lock provides securement of the catheter to the port. Introduction of solution into the implanted port and catheter system is through a non-coring needle.

Power injection of contrast media, can be safely administered with a 19 or 20 gauge power injectable infusion non-coring needle at a maximum recommended infusion rate of 5 ml/sec or a 22 gauge power injectable non-coring needle at a maximum recommended infusion rate of 2 ml/sec. Maximum pressure should not exceed 300 psi.

The Jet Port Plus HP Catheter System is packaged with the necessary accessories to facilitate catheter insertion.

The port and catheter uses the same components and are manufactured and sterilized at the same manufacturing and sterilization facilities as the predicate device cleared under K000125. The addition of

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power injection capability is comparable to the currently marketed Power Injectable Implantable Infusion Port cleared under K070003.

Components will be assembled into standard configurations or configurations specified by the customer and packaged.

The device includes the following components:

- |                       |                                   |
|-----------------------|-----------------------------------|
| • Implantable Port    | • Catheter                        |
| • Click Connector     | • Huber Needle                    |
| • Guide Wire          | • Introducing Needle              |
| • Dilator             | • Peel Away Sheath                |
| • Tunneling Needle    | • Syringe                         |
| • Vein Lifter         | • Instructions for Use            |
| • Nurses Guide        | • Patient Guide                   |
| • Companion Checklist | • Patient ID Card & Key Ring Card |

**Intended Use:**

The Jet Port Plus HP Catheter System is indicated for patient therapies requiring repeated access to the vascular system. The port system can be used for infusion of medications, IV fluids, parenteral nutrition solutions, blood products and for the withdrawal of blood samples.

When used with a power injectable needle, the Jet Port Plus HP Catheter System is indicated for power injection of contrast media. For power injection of contrast media, the maximum recommended infusion rate is 5 ml/sec with a 19G or 20G non-coring power injectable needle or 2 ml/sec with a 22G non-coring power injectable needle.

**Biocompatibility:**

The materials used to manufacture the Jet Port Plus HP Catheter System are used in legally marketed devices under comparable conditions of use.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Mr. Salvatore F. Palomares, RAC  
Director of Regulatory Affairs  
PFM Medical, Incorporated  
2605 Temple Heights Drive, Suite A  
Oceanside, California 92056

MAR - 7 2008

Re: K072481

Trade/Device Name: Jet Port Plus HP Catheter System  
Regulation Number: 21 CFR 880.5965  
Regulation Name: Subcutaneous, Implanted, Intravascular Infusion Port and Catheter  
Regulatory Class: II  
Product Code: LJT  
Dated: February 29, 2008  
Received: March 4, 2008

Dear Mr. Palomares:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Chiu Lin', with a stylized flourish at the end.

Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital,  
Infection Control and Dental Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

## Indications For Use

510(k) Number (if known): K072481

Device Name: **Jet Port Plus HP Catheter System**

Indications For Use:

The Jet Port Plus HP Catheter System is indicated for patient therapies requiring repeated access to the vascular system. The port system can be used for infusion of medications, IV fluids, parenteral nutrition solutions, blood products and for the withdrawal of blood samples.

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Prescription Use **X**  
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use \_\_\_\_\_  
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

*Anthony D. Swartz*  
(Division Sign-Off)  
Division of Anesthesiology, General Hospital  
Infection Control, Dental Devices

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